

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33									Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.					
TERMINAL ROUTES												MISSED APPROACH									
FROM			TO			COURSE AND DISTANCE			ALTITUDE			LNAV: RW19									
SUNNS			ODGOE (TF) (FB) (RNP 2.00)			098.09 / 11.42			2100			CLIMB TO 900 THEN CLIMBING LEFT TURN TO 2100 DIRECT GEDLE AND HOLD.									
ECG VOR/DME			GEDLE (TF) (FO) (RNP 2.00)			012.63 / 11.30			2100												
ODGOE (IAF)			GEDLE (NOPT) (TF) (FB) (RNP 1.00)			103.37 / 5.00			2100			ADDITIONAL FLIGHT DATA: CHART FAS OBST: 162 TANK 361556N/0761101W. CHART VDP AT 1.51 NM TO RW19. CHART CIRCLING ICON. BESRE TO RW19: 3.04/45.									
GEDLE (IF/IAF)			BESRE (TF) (FB) (RNP 1.00)			193.44 / 6.00			1600												
BESRE (FAF)			RW19 (MAP) (TF) (FO) (RNP 0.30)			193.43 / 4.79															
(SEE FORM 8260-10)																					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																					
2. HOLD N GEDLE, RT, 193.44 INBOUND, 2100 FT. IN LIEU OF PT (IAF)																					
3. FAC: 193.43 FAF: BESRE DIST FAF TO MAP: 4.79 THLD: 4.79																					
4. MIN. ALT: GEDLE 2100, BESRE 1600																					
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																					
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____																					
7. GS ANGLE: _____ TCH: 20:1 IS CLEAR 34:1 IS CLEAR																					
8. MSA FROM: RW19 6100																					
MAG VAR: 11W EPOCH YEAR: 2020																					
MINIMUMS																					
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		STANDARD									
CATEGORY ==>		A			B			C			D			E							
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA						
LNAV MDA	480	1	469	480	1	469	480	1 3/8	469	480	1 3/8	469									
CIRCLING	480	1	469	480	1	469	640	1 3/4	629	640	2	629									
NOTES: CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SUNNS ON V139 SOUTHWEST BOUND. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: PROCEDURE NOT AUTHORIZED WHEN TETHERED BALLOON LOCATED APPROXIMATELY 2 MILES SOUTHEAST AIRPORT IS FLYING. PBN REQUIREMENTS NOTE: RNP APCH.																					
CITY AND STATE ELIZABETH CITY, NC				ELEVATION: 11 TDZE: 11 AIRPORT NAME: ELIZABETH CITY CG AIR STATION/RGNL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, ORIG-C				SUP: AMDT: ORIG-B DATED 09/18/2014							

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
A4A <div></div>		ALPA <div></div>		AOPA <div><input checked="" type="checkbox"/></div>	
APA <div></div>		HAI <div></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify) <div><input checked="" type="checkbox"/></div>		ZDC, ORF APP CON, ECG ATCT, ECG AMGR			
Digitally signed by					
FLIGHT CHECKED BY					
DAVID TEFFETELLER					
NAME:		Apr 05, 2018		FIFO	
FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, DEC 22, 2017.				DATE:	
DEVELOPED BY					
Digitally signed by					
NAME:		JAMES LAFFERTY		FIFO	
		Mar 30, 2018		AJV-5433	
				DATE:	
				12/14/2017	
APPROVED BY					
Digitally signed by					
NAME:		PATRICK MULQUEEN		FIFO	
		DAVID TEFFETELLER MANAGER		AJV-5430	
				DATE:	
CHANGES:					
Apr 05, 2018					
<div>1. DELETED CHART NOTE; WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CURRITUCK ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND INCREASE LNAV CAT C VISIBILITY 1/4 MILE.</div> <div>2. CHANGED PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT SUNNS ON V139 SOUTHWEST BOUND, V266 NORTHWEST BOUND" TO "PROCEDURE NA FOR ARRIVALS AT SUNNS ON V139 SOUTHWEST BOUND".</div> <div>3. DELETED PLANVIEW NOTE; PROCEDURE NA FOR ARRIVALS AT ECG VOR/DME ON V266 SOUTHWEST BOUND.</div> <div>4. LNAV HAT CHANGED FROM "470" TO "469".</div> <div>5. LNAV CAT C VISIBILITY CHANGED FROM "1 1/4 SM " TO "1 3/8 SM".</div> <div>6. TOUCHDOWN ZONE ELEVATION CHANGED FROM "10" TO "11".</div> <div>7. ADDED "CHART CIRCLING ICON" IN ADDITIONAL FLIGHT DATA.</div> <div>8. LINE 7 ADDED "20:1 IS CLEAR".</div> <div>9. CHANGED CIRCLING MDA/HAA FROM "480/469 CAT A-C AND 640/629 CAT D" TO "480/469 CAT A AND B, 640/629 CAT C AND D".</div> <div>10. MAG VAR CHANGED FROM "7W" TO "11W".</div> <div>11. DELETED NOTE: "DME/DME RNP-0.3 NA".</div> <div>12. ADDED "PBN REQUIREMENTS NOTE: RNP APCH".</div> <div>(SEE FORM 8260-10)</div>					
REASONS:					
<div>1. CHART NOTE MADE CONTINGENCY NOTE AND RELOCATED TO BACK OF -9 FORM.</div> <div>2. PLANVIEW NOTE UPDATED TO REFLECT FKN VORTAC DECOMMISSIONING.</div> <div>3. PLANVIEW NOTE DELETED DUE TO FKN VORTAC DECOMMISSIONING.</div> <div>4. CHANGED TO TOUCHDOWN ZONE ELEVATION FOUND THROUGH UPDATED VG SURVEY IN 2016.</div> <div>5. INCREASE IN CAT C VISIBILITY FOUND USING UPDATED VISIBILITY CHECK WORKSHEET.</div> <div>6. VG SURVEY FINDINGS FROM 2016.</div> <div>7. NEW CIRCLING AREA CRITERIA APPLIED TO PROCEDURE.</div> <div>8. STATEMENT REFLECTING 20:1 SURFACE CONDITION ADDED TO LINE 7.</div> <div>9. NEW CIRCLING MINIMA ACHIEVED WITH NEW CIRCLING AREA CRITERIA.</div> <div>10. MAG VAR UPDATED TO 2020 VALUE. PREVIOUS VALUE OUT OF TOLERANCE.</div> <div>11. IAW 8260.19H, PARA 1-1-5F(14), REMOVED THE REQUIREMENT FOR THIS NOTE.</div> <div>12. EQUIPMENT REQUIREMENTS NOTE APPLIED PER 8260.58A, CHANGE 1.</div>					

QUALITY  
10  
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW19 (MAP)	900 MSL (CA)	193.43	900
900 MSL	GEDLE (DF) (FO) (RNP 1.00)		2100

CITY AND STATE  
ELIZABETH CITY, NC

ELEVATION: 11 TDZE: 11  
AIRPORT NAME:  
ELIZABETH CITY CG AIR STATION/RGNL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 19, ORIG-C

SUP:  
AMDT: ORIG-B  
DATED: 09/18/2014

QUALITY  
10  
CHECKED

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: A4A                      ALPA                      APA                      AOPA                      HAI                      NBAA                      OTHER (specify) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES: CHANGES CONT.  ALL CHANGES FROM ORIG-A THRU ORIG-B HAVE BEEN INCORPORATED INTO THIS PROCEDURE.					
REASONS:					



## STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

## PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL	ROC	ALT. ADJUSTMENTS		MIN. ALT.			
FEEDER		SUNNS		ODGOE		1. TOWER (34-2659)		362443.00N/0762051.00W		352 (5D)	1000	AT748		2100			
						2. TERRAIN		363024.00N/0763042.00W		27 (0)		AS1500		1500			
FEEDER		ECG VOR/DME		GEDLE		3. TOWER (37-001470)		362629.00N/0760558.50W		370 (5D)	1000	AT730		2100			
						4. TERRAIN		361839.00N/0761355.00W		20 (0)		AS1500		1500			
INITIAL		ODGOE		GEDLE		5. 200' AAO		362957.00N/0761636.00W		223	1000	AT877		2100			
						6. TERRAIN		363057.00N/0761606.00W		20 (0)		AS1500		1500			
INTERMEDIATE		GEDLE (IF/IAF)		BESRE		7. 200' AAO		362330.00N/0761200.00W		217	500	AT883		1600			
						8. TERRAIN		362330.00N/0761200.00W		17 (0)		AS1500		1500			
FINAL: LNAV		BESRE		RW19		9. TANK (37-000219)		361555.88N/0761100.67W		162 (1A)	250	AT60		480			
2. HOLD-IN-LIEU-OF-PT		GEDLE		P-5		10. TOWER (37-000489)		363255.04N/0761114.96W		1016 (4D)	1000			2100			
						11. TERRAIN		362957.00N/0761648.00W		23 (0)		AS1500		1500			
3. MISSED APPROACH	MAP:		RW19		GEDLE						ASC			2100			
	ELEV:		380				3. TOWER (37-001470)		362629.00N/0760558.50W		370 (5D)	1000	AC50		1500		
						12. TERRAIN		362301.52N/0761159.17W		17 (0)		AS1500		1500			
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.													
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	469	9. TANK (37-000219)		361555.88N/0761100.67W		162 (1A)	300	480			
CATEGORY B		1.5 NM			450		469	9. TANK (37-000219)		361555.88N/0761100.67W		162 (1A)	300	480			
CATEGORY C		1.7 NM			450		629	13. TOWER (37-001033)		361700.00N/0761250.00W		279 (5D)	300	AC50	640		
CATEGORY D		2.3 NM			550		629	13. TOWER (37-001033)		361700.00N/0761250.00W		279 (5D)	300	AC50	640		
CATEGORY E		4.5 NM			550												
5. MINIMUM SAFE ALTITUDES																	
PRIMARY NAVAID: RW19																	
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST	ELEVATION (MSL)	M S A	
360-360		BLN (34-0585) *		143/03.0		5008 (5E)		6100									
CITY AND STATE				ELEVATION: 11				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION	
ELIZABETH CITY, NC				AIRPORT NAME: ELIZABETH CITY CG AIR STATION/RGNL				RNAV				RNAV (GPS) RWY 19, ORIG-C				ASO	

QUALITY  
10  
CHECKED

PART B - SUPPLEMENTAL DATA										<div>PART C - REMARKS:</div> <div>PRECIPITOUS TERRAIN EVALUATION COMPLETED.</div> <div>VGSI DATA: 2.75/29.5</div> <div>TAA NOT DEVELOPED PER NORFOLK APPROACH CONTROL AND ELIZABETH CITY TOWER.</div> <div>OBST #3 USED IN FEEDER ECG VOR/DME AND MISSED APPROACH, UPDATED TO NEW SURVEY COORDINATES AND IDENTIFICATION NUMBER.</div> <div>OBST #9 USED IN LNAV FINAL, UPDATED TO NEW SURVEY COORDINATES AND IDENTIFICATION NUMBER.</div> <div>OBSTS #3 AND #12 ADDED TO PROCEDURE FOR MISSED APPROACH SEGMENT. PREVIOUS PAPERWORK SEGMENT WAS BLANK.</div> <div>ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.</div> <div>CAT A: 1.30NM</div> <div>CAT B: 1.81NM</div> <div>CAT C: 2.84NM</div> <div>CAT D: 3.70NM</div> <div>NO ADDITIONAL AIRSPACE REQUIRED.</div> <div>RASS PRESSURE PATTERNS THE SAME</div> <div>KECG 10.60, KONX 17.90</div> <div>RA = 27.17.</div> <div>NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CURRITUCK ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.</div> <div>NOTE: VDP NA WHEN USING CURRITUCK ALTIMETER SETTING.</div> <div>* BALLOON DOES NOT OPERATE CONTINUOUSLY, PROCEDURE NA WHEN BALLOON IS FLYING.</div> <div>QUALITY 10 CHECKED</div>															
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																	
ECG TOWER ORF APP CON						N W S		OTHER: ASOS												SOURCE:KECG / KONX					
						F A A														DISTANCE: 0 / 11.37					
						A / C														HOURS REMOTE OPERATION: 0/YES / 24/YES					
SATISFACTORY ON:				LOCATION: KECG				ADJUSTMENT: 0 / 28																	
X V H F		X U H F				H F																			
4. MONITOR STATUS		PRIMARY NAVAID:																							
		MONITOR POINT:																							
		HRS OPTN:		CAT 1				CAT 3																	
5. APPROACH & RUNWAY LIGHTING				ALS																					
				(S) SALS																					
				MALS																					
		X		HIRL 10 (PCL), 28 (PCL)																					
		X		MIRL 01 (PCL), 19 (PCL)																					
		X		REIL 10, 28																					
		X		TDZ 10																					
		X		C/L 10, 28																					
X		OTHER (SPECIFY) VASI-4L 01 (PCL), 19 (PCL) PAPI-2L 10, 28 TAXI WAY 19																							
6. RUNWAY MARKINGS		BASIC																							
		ALL WEATHER    PIR-G 10, 28																							
		INSTRUMENT    NPI-G 01; -P 19																							
7. RUNWAY VISUAL RANGE		APPROACH																							
		MIDFIELD																							
		ROLL OUT																							
8. GLIDE PATH		GP ANGLE:						ELEV RWY THRESHOLD:																	
		DISTANCE FROM RWY:						ELEV GP ANTENNA:																	
								THRESHOLD CROSSING HEIGHT:																	
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD						FT. FROM THRESHOLD													
				X		ON CENTERLINE						FT. FROM CENTERLINE													
10. WAIVERS: NONE																									
PART D - PREPARED BY: JAMES LAFFERTY								DATE: 12/14/2017																	
TITLE: AERONAUTICAL INFORMATION SPECIALIST								OFFICE: AJV-5433																	